# Monthly Divisional Report

*New Jersey State Highway Department*

March 1959

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Form #AD-39

**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Accounting & Administrative Services
Bureau: Office of the Comptroller
Bureau of Auditing & Accounting

The Comptroller attended meetings with Automotive Safety Foundation and/or representatives of the Department anent organization; also meetings re recommendations by Peat, Marwick & Mitchell on operational procedures.

In the Bureau of Auditing & Accounting warrants for 97 County and Municipal Aid payments were drawn amounting to $1,742,812.59.

Approximately 3000 invoices were passed for payment for materials, supplies, estimates to contractors, right of way invoices and utility bills, together with regular bi-weekly payroll.

C. Card
Comptroller

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Form #AD-39

**MONTHLY DIVISIONAL REPORT** Month of March 1959

Division: Accounting & Administrative Services

Bureau: Hourly Payroll Bureau

Preparation of bi-weekly Hourly Basis Payrolls, checking and approval of same. Supervise the drawing of individual checks each bi-weekly pay or a total of 2944 checks for the month. Total of Payrolls for the month $502,415.61. Signed as Head Paymaster the above mentioned checks.

Prepared Accounts Receivable billings, deposit of checks and cash for the month, approval of releases in conjunction with Accounts Receivable.

Correspondence regarding Hourly Basis Personnel.

Supervise the personnel of the Hourly Payroll Bureau in regular routine work on maintaining necessary forms and information required.

Spent three (3) days in the field conferring with Highway Department employees regarding their retirement from State Service.

Clyde W. Case
Head Paymaster

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Reports – Monthly

**MONTHLY DIVISIONAL REPORT** Month of MARCH 1959

Division: ACCOUNTING & ADMINISTRATIVE SERVICES

Bureau: OFFICE SERVICES

## OFFICE SERVICES

SEVERAL OF THE TRENTON RIGHT OF WAY OFFICES WERE MOVED TO OUR METUCHEN FIELD OFFICE. THIS INCLUDED ABOUT 14 DESKS, CHAIRS, AND OFFICE MACHINES. OBSOLETE SAFES WERE MOVED FROM THE METUCHEN OFFICE AS SURPLUS AND TURNED OVER TO THE PURCHASE & PROPERTY BUREAU.

A CONFERENCE WAS HELD WITH MR. ANDREWS, MR. SCHUYLER, MR. JAMES BIRCH, AND MR. ERNEST BIRCH IN THE MAINTENANCE DIVISION, TO EVALUATE THE POSSIBILITY OF STARTING A MICROFILMING PROGRAM ESPECIALLY FOR PERMIT FILES.

THE REQUESTS FOR OFFICE FURNITURE FAR EXCEEDS THAT WHICH WE HAVE ON HAND. WORK WAS STARTED ON THE INSTALLATION OF THE NEW TELEPHONE SYSTEM IN THE LABORATORY BUILDING; THIS WORK SHOULD BE COMPLETED ABOUT APRIL 15TH.

## FILES & RECORDS

FILED IN STORAGE BOXES IN OUR LOW COST RECORD BUILDING 74 CU. FT. OF DAILY TIME & COST RECORDS FOR 1954 AND 1955; THESE ARE STORED AT A COST OF $1.06 A CU. FT. OR $78.44 RATHER THAN IN FILE CABINETS AT A COST OF $630.00. THEY WILL BE DISPOSED OF AS THEIR RETENTION PERIOD IS REACHED, THUS RELEASING THE SPACE FOR OTHER YEARS. WE ALSO REMOVED 14 CU. FT. OF RECORDS FROM THE ELECTRICAL BUREAU FILES TO LOW COST STORAGE BOXES, THUS RELEASING 7 FILE DRAWERS FOR CURRENT RECORDS. DURING THE MONTH WE COMPLETED THE INTERFILING OF ALL MATERIAL THAT HAS BEEN REMOVED FROM THE FILES IN OTHER OFFICES WHERE WE HAVE THE RESPONSIBILITY FOR RECORD KEEPING.

## DUPLICATING SECTION

WE HAVE RECENTLY OBTAINED A DIFFERENT MODEL CAMERA TO BE USED WITH XEROGRAPHY. THIS CAMERA WILL ALLOW 50% REDUCTIONS OR ENLARGEMENT. IT IS INTENDED TO USE THIS EQUIPMENT FOR THE REPRODUCTION OF AUDITING & ACCOUNTING FINANCIAL REPORTS, REPLACING THE USE OF LARGE SIZE STENCILS AND USE OF THE OVERSIZE MIMEOGRAPH.

THE WORK LOAD IS AGAIN ON THE INCREASE AND SEVERAL OF THE PERSONNEL HAVE HAD TO PUT IN OVERTIME WORK. ALL EQUIPMENT IS OPERATING AT PEAK PERFORMANCE AND PRODUCTION IS COMPLETED AS RAPIDLY AS POSSIBLE. SEVERAL NEW FORMS AND REVISIONS HAVE BEEN PROCESSED THROUGH FORMS CONTROL AND PLACED IN STOCK.

## MAILING SECTION

VOLUME OF WORK HAS INCREASED. A SPECIAL JOB WAS ASSIGNED TO DO FOR THE BUREAU OF PUBLIC RELATIONS WHICH REQUIRED A GREAT MANY HOURS OF TIME; IN ADDITION TO THE INITIAL FOLDING DONE BY MACHINE IT WAS NECESSARY TO FOLD AGAIN BY HAND IN ORDER TO COMPLETE THE OPERATION.

MORE CONTRACTS WERE GIVEN OUT DURING MARCH WHICH REQUIRED MAILING NOTICES TO CONTRACTORS. A LARGE QUANTITY OF PLANS WERE MAILED DURING THE MONTH. $500.00 WORTH OF POSTAGE ON ENVELOPES WAS USED FOR THE BUREAU OF HOURLY PAYROLL.

Form #AD-39

# MONTHLY DIVISIONAL REPORT

Month of MARCH 19 59

Division: Accounting & Administrative Services

Bureau: Office Services

## OFFICE SERVICES

Several of the Trenton Right of Way offices were moved to our Metuchen field office. This included about 11 desks, chairs, and office machines. Obsolete safes were moved from the Metuchen office as surplus and turned over to the Purchase & Property Bureau.

A conference was held with Mr. Andrews, Mr. Schuyler, Mr. James Birch, and Mr. Ernest Birch in the Maintenance Division, to evaluate the possibility of starting a microfilming program especially for Permit files.

The requests for office furniture far exceeds that which we have on hand. Work was started on the installation of the new telephone system in the laboratory building; this work should be completed about April 15th.

## FILES & RECORDS

Filed in storage boxes in our low cost Record Building 7½ cu. ft. of Daily Time & Cost records for 1954 and 1955; these are stored at a cost of $1.06 a cu. ft. or $78.44 rather than in file cabinets at a cost of $630.00. They will be disposed of as their retention period is reached, thus releasing **THE ISRAGE FOR** other years. We also removed 1½ cu. ft. of records from the Electrical Bureau to low cost storage boxes, thus releasing 7 file drawers for current records. During the month we completed the interfiling of all material that has been removed from the files in other offices where we have the responsibility for record keeping.

## DUPLICATING SECTION

We have recently obtained a different model camera to be used with Xerography. This camera will allow 50% reductions or enlargement. It is intended to use this equipment for the reproduction of auditing & accounting financial reports, replacing the use of large size stencils and use of the oversize mimeograph.

The work load is again on the increase and several of the personnel have had to put in overtime work. All equipment is operating at peak performance and production is completed as rapidly as possible. Several new forms and revisions have been processed through control and placed in stock.

## MAILING SECTION

Volume of work has increased. A special job was assigned to do for the Bureau of Public Relations which required a great many hours of time; in addition to the initial folding done by machine it was necessary to fold again by hand in order to complete the operation.

More contracts were given out during March which required mailing notices to contractors. A large quantity of plans were mailed during the month. $500.00 worth of postage on envelopes was used for the Bureau of Hourly Payroll.

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**MONTHLY DIVISIONAL REPORT** Month of MARCH, 1959

Division: Administration

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of March, 1959, were mostly of a routine nature.

As a result of bids received on Scrap Tires and Tubes, check for $218.86 covering the sale of 5.1375 tons Scrap Tires to Samuel Kravitz & Sons, Trenton, and check for $103.14 covering sale of 2700 lbs. Scrap Inner Tubes at $.0382-lb. to Manuel Myers, Philadelphia, the high bidders on these items, were forwarded to Cyrus Card, Comptroller.

Check for $402.22 covering sale of 5.95 tons Scrap Paper (IBM cards) to Samuel Kravitz & Sons, Trenton, forwarded to Cyrus Card, Comptroller.

Check for $80.10 in payment of pickup of 1780 Paint Cans at $.045 each from Harry K. Weisser, Davisville, Pa., forwarded to Cyrus Card, Comptroller.

Received approval for the disposal of 37 sheets Celluloid - 20"x50" - which were increasing the fire insurance rate tremendously in Building #1.

Invitations to bid sent to 57 vendors for the sale of miscellaneous scrap - bids returnable April 8, 1959.

Stencils covering specifications for the 1959-60 requirements for Paint, Type II, for Roadway and Crosswalk use, and stencils covering specifications for 1959-60 requirements for Glass Beads, - typed, collated and forwarded to the State Purchasing Department for bids.

Bids were received, processed and contracts awarded to the Con-Lux Corporation for 60,000 gallons Paint for Roadway use at $1.725-gallon and 5,000 gallons Paint for Crosswalk use at $1.765-gallon. Contract for the Glass Beads awarded to the Prismo Safety Company for 195 tons at $198.40 net ton.

Revised previous specifications covering Maintenance Material Requirements for the 1959-60 season. Five sets (81 stencils) typed, collated and submitted to the State Purchasing Department for the sending out of bids. Bids will be received, processed and contracts awarded during April.

The Purchase and Stores Office Supply Stock Room took over the office supplies for both the Construction and Bridge Divisions.

Received adjustment on eight (8) defective United States Tires in the amount of $405.24.

Interviewed 40 salesmen representing various concerns during the month and attended 29 meetings re departmental matters and purchases.

Clifford Wear

Clifford Wear
Supv., Purchase and Stores Bureau

Form AD-39

MONTHLY DIVISIONAL REPORT Month of MARCH, 1959

Division: Administration

Bureau: Purchase and Stores

The activities in the Purchase and Stores Bureau during the month of March, 1959, were mostly of a routine nature.

As a result of bids received on Scrap Tires and Tubes, check for $216.86 covering the sale of 5,175# tons Scrap Tires to Samuel Kravits & Sons, Trenton, and check for $103.1h covering sale of 2700 lbs. Scrap Inner Tubes at $.0382-lb. to Manuel Myers, Philadelphia, the high bidders on these items, were forwarded to Cyrus Card, Comptroller.

Check for $402.22 covering sale of 5.95 tons Scrap Paper (IBM cards) to Samuel Kravits & Sons, Trenton, forwarded to Cyrus Card, Comptroller.

Check for $80.10 in payment of pickup of 1780 Paint Cans at $.0h5 each from Harry K. Weiser, Davisville, Pa., forwarded to Cyrus Card, Comptroller.

Received approval for the disposal of 37 sheets Celluloid - 20"x30" - which were increasing the fire insurance rate tremendously in Building #1.

Invitations to bid sent to 57 vendors for the sale of miscellaneous scrap - bids returnable April 8, 1959.

Stencils covering specifications for the 1959-60 requirements for Paint, Type II, for Roadway and Crosswalk use, and stencils covering specifications for 1959-60 requirements for Glass Beads, - typed, collated and forwarded to the State Purchasing Department for bids.

Bids were received, processed and contracts awarded to the Con-Lux Corporation for 60,000 gallons Paint for Roadway use at $1.725-gallon and 5,000 gallons Paint for Crosswalk use at $1.765-gallon. Contract for the Glass Beads awarded to the Prismo Safety Company for 295 tons at $198.40 net ton.

Revised previous specifications covering Maintenance Material Requirements for the 1959-60 season. Five sets (81 stencils) typed, collated and submitted to the State Purchasing Department for the sending out of bids. Bids will be received, processed and contracts awarded during April.

The Purchase and Stores Office Supply Stock Room took over the office supplies for both the Construction and Bridge Divisions.

Received adjustment on eight (8) defective United States Tires in the amount of $105.2h.

Interviewed 40 salesmen representing various concerns during the month and attended 29 meetings re departmental matters and purchases.

Clifford Wear
Supv., Purchase and Stores Bureau

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Accounting and Administrative Services.

Bureau: Office of the Secretary.

CONTRACTS:

Bids received on four (4) projects and necessary reports and certifications of awards prepared. Three (3) contracts awarded; contracts prepared and forwarded for execution. Execution of one (1) contract completed. Nine (9) projects advertised for bids. 152 sets of plans and supplementary specifications distributed.

SCHEDULE OF APPROVALS:

Three (3) Schedules prepared listing a total of 293 items, which by a combination of items where possible represents action on 416 individual items. Official copies of Schedules signed by the Commissioner, placed in the Minute Book and indexed. Schedules distributed in accordance with regulations and necessary letters concerning official actions written.

GENERAL:

56 Standard Specifications issued
4 Deposits made for transmittal of income
8 Traffic Regulations certified to the Director, Divn. of Motor Vehicles
99 Property Agreements attested and processed
17 Agreements attested and processed
83 Municipal Aid contracts, applications, agreements, transfers, etc., certified
1 Lease agreement executed
15 Releases executed
2 Equipment Rental Agreements executed
1 Utility Order attested and certified
13 Highway Lighting Reimbursement Agreements executed
1 Deed of conveyance acknowledged
42 Motor Vehicle license forms executed

Necessary payroll (hourly) checks signed

2500 maps distributed (approximately)

General correspondence, filing and answering telephone inquiries.

Kenneth D. Rice

Kenneth D. Rice,
Secretary

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: BRIDGE

Bureau: BRIDGES UNDER CONSTRUCTION

| | % COMPLETION |
|---|---|
| Rt. U.S. 1: | |
| Sec. 1 - Four structures, Lawrence Twp., Mercer County | 7% |
| " 2 - Culvert " " " " | 40 |
| " 3 - Two bridges and culvert, Plainsboro, Mercer County | 20 |
| Rt. S-3: | |
| Sec. 3D - Brs. at Broad St. & Bloomfield Ave., Clifton, Passaic Co. | 96 |
| Rt. 4: | |
| Sec. 4J - U.P. at Spring Valley Road, Paramus, Bergen Co. | 12 |
| Rt. 17: | |
| Sec. 7C - Midland Ave. O.P., Paramus, Bergen Co. | 97 |
| Rt. 18: | |
| Sec. 4 - Englishtown Rd. U.P., Madison Twp., Middlesex Co. | 35 |
| Rt. 21: | |
| Sec. 1B - Six structures, Belleville & Nutley, Essex Co. | 76 |
| Rt. 26: | |
| Sec. 4D-5C - Two culverts, So. Brunswick Twp., Middlesex Co. | 87 |
| Rt. 29: | |
| Sec. 13E - Two pedestrian overpasses, Trenton, Mercer Co. | 96 |
| Rt. 72: | |
| Sec. 5E - Manahawkin Bay Bridge - Superstructure, Ocean Co. | 99 |
| " 5F - " " " - Three Trestles, " " | 98 |
| Rt. 78: | |
| Sec. 2E - Five structures, Bloomsbury, Beth.& Union Twps., Hunterdon Co. | 13 |
| " 2F - C.R.R. & L.V.R.R. Overpasses, Bloomsbury & Beth.Twp. " " | 21 |
| Rt. 101: | |
| Sec. 2A - Seven structures, Rockaway, Morris Co. | 98 |
| " 2C - Eight structures, Wharton, Morris Co. | 78 |
| " 2D - D.L. & W.R.R., Roxbury Twp., Morris Co. | 54 |
| Rt. 102: | |
| Sec. 2B - Six bridges, Greenwich Twp., Warren & Hunterdon Cos. | 92 |
| " 2D - Six bridges, Greenwich & Franklin Twps., Warren & Hunter-Co. | 95 |
| Rt. 104: | |
| Sec. 1A-2A - E & W Viaducts,RAritan River, Middle.& Somerset Cos. | 34 |
| Rt. 108: | |
| Sec. 1B - Plant St. U.P. & Br. over Salem Canal, Salem Co. | 64 |
| " 2B - Four bridges & culvert, Haddon Heights, Salem Co. | 91 |
| " 2C - U.P. at Penn-Reading SS Lines, Bellmawr, Camden Co. | 91 |

| | % COMPLETION |
|---|---|
| Rt. 202: | |
| Sec. 2 - Two structures, Branchburg Twp., Somerset Co. | 76 |
| " 3 - Br. over No.Br. of Raritan River, Branchburg, Somerset Co. | 42 |
| Rt. 206: | |
| Sec. 10A - Bedens Brook Bridge, Montgomery Twp., Somerset Co. | 100 |
| Rt. 208: | |
| Sec. 2 - Ewing Ave. Overpass, Franklin Lakes, Bergen Co. | 12 |
| " 3 - Four structures, Hawthorne & Wyckoff, Pass. & Bergen Co. | 31 |
| Rt. 322: | |
| Sec. 6C - Babcock Cr. Br. & Culvert, Hamilton Twp., Atlantic Co. | 100 |
| Aqueduct Bridge across Pequannock Riv., Lincoln Park, Morris Co. | 65 |
| Scudders Falls Bridge across Delaware River - Substructure | 66 |
| " " " - Superstructure - Awaiting fabrication of structurel steel | 0 |
| Washington Ave. Br. over Green Brook, Green Brook Twp., Somerset Co. | 61 |
| Springfield Ave. Br. over Salt Creek, New Providence, Union Co. | 55 |

- Bedens Brook Bridge, Montgomery Twp., Somerset Co. 100

structures, Hawthorne & Wyckoff, Pass. & Bergen Co. 31

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Bridge

Bureau: Design Section Sheet #1

Rt. 1&9 (Truck):
Sec. Ramp at Raymond Boulevard:
Bids received 3/12/59. Mal-Bros, low bidder.

Rt. 4 Pedestrian Overpasses at Forest Ave. and N. Hackensack:
Sec. Plans being prepared.

Rt. 4 Pkwy:
Sec. Chestnut Avenue Ramp:
Plans being prepared.

U.S.9: Cape May Canal Bridge:
Sec. Plans and specifications sent to Public Roads for approval.

Rt. 10: Underpass at Salem Street:
Plans being prepared.

Rt. 13: Lovelandtown Bridge (Sidewalks):
Plans being prepared.

Rt. 15: Bakers Bridge over Green Pond Brook:
Plans being prepared.

Rt. 17: Century Road Overpass:
Plans being prepared.

Rt. 18:
Sec. 2 Interchange-Two Structures: Bids rec'd 3/10/59. Gaskill Constr.,low bidder.
Sec. 5 Overpass at Rt. US 9: Reviewing plans prepared by Edwards & Kelcey.

Rt. 20: Interchange at Route 4:
Reviewing plans prepared by Stelling, Lord-Wood & Van Suetendael.

Rt. 21: Ten Structures:
Sec. 10 Reviewing plans prepared by Edwards & Kelcey.

US 22: Vaux Hall Road (Steps); Pedestrian O.P. at Fairway Ave.;
and Pedestrian O.P. at Mountainside School:
Plans being prepared.

Rt. 35: Matawan Creek Bridge (Grid Floor-Bascule Span):
Plans being prepared.

Rt. 38: Widening 6 Structures:
Sec. 2 Reviewing plans prepared by John G. Reutter, Consulting Engineer.

Rt. 45: Woodbury Creek Bridge (Floor):
Sec. 30 Plans being prepared.

Rt. 46: Pedestrian Overpass, Hasbrouck Heights:
Plans being prepared.

Rt. 52: Ocean City-Somers Point (Grid Floor-Ship Channel Bridge & Radio Mast):
Plans being prepared.

Rt. 71:
Sec. 10 Culvert at Whale Pond Brook: Plans being prepared.
Sec. 10B Culverts at Poplar Brook & Ocean Port Creek: Plans being prepared.

Rt. 78: Six Bridges:
Sec. 2G Reviewing plans by Parsons, Brinckerhoff, Hall & MacDonald.

Rt. 80:
Sec. 2 Pedestrian Bridge over Ramp K, Denville: Plans being prepared.
Sec. 2E Ten Bridges: Plans prepared by Louis Berger & Associates.
Sec. 4 Bergen-Passaic Expressway: Reviewing plans by Fay, Spofford & Thorndike.
Sec. 5 Bergen-Passaic Expressway: Rev. plans by Parsons, Brinckerhoff, Hall & MacDonald.

Rt. 95: Overpasses at Broad Avenue and Grand Avenue:
Reviewing plans prepared by Parsons, Brinckerhoff, Hall & MacDonald.

Rt. 129: Seven Structures - Delaware River to Scotch Road:
Reviewing plans prepared by Michael Baker, Jr., Inc.

Rt. 168: Culvert at Station 112+50 - Black Horse Pike:
Sec. 1 Plans being prepared.

Rt. 169: Point Breeze to Constable Hook - Bridge over RR, Center St. Ramp,
Navy Footbridge & Rt. 169 over RR.:
Reviewing plans prepared by E. Lionel Pavlo.

Rt. 202: Bridges at So. Branch Raritan River, CRRof NJ, LVRR,
Samuels Brook, Pleasant Run and Holland Brook:
Plans being prepared.

Rt. 208:
Sec. Pedestrian O.P. at Ethel Ave.: Plans being prepared.
Sec. 4 Bridges at Grandview Ave., Cedar Hill Ave., Russell Ave.,
Summit Ave. & NYS&WRR: Plans being prepared.
Sec. 4 Six Structures: Reviewing plans prepared by Goodkind & O'Dea.

Rt. 287:
Sec. 23 Structures - Rt. 27 to Stelton Road:
Reviewing plans prepared by Madigan-Hyland.
Sec. 14 Structures - East of Stelton Road:
Reviewing plans prepared by Madigan-Hyland.
Sec. 4 12 Structures:
Reviewing plans prepared by Goodkind & O'Dea.

Rt. 295:
Sec. 1C 8 Bridges & Culvert: Bids rec'd 3/24/59. Brann & Stuart, low bidder.
Sec. 1D 4 Bridges: Plans being prepared.
Sec. 2E 7 Structures: Reviewing plans prepared by Sherman, Taylor & Sleeper.
Sec. 2F 6 Structures: Reviewing plans prepared by Sherman, Taylor & Sleeper.

US #322: Widening Six Structures:
Plans being prepared.

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**MONTHLY DIVISIONAL REPORT** Month of **March,** 19 **59**

Division: **Maintenance and Operations**

Bureau: **Electrical Operations**

FEDERAL AID INTERSTATE ROUTES

Specifications transmitted to Bureau of Public Roads for approval, FAI Rt. 101, Sec. 2A (I-101-2(1)), Netcong to Denville. Preliminary discussions with three consulting engineering firms on design of lighting installations, FAI Rts. 80 and 287. Conduit, wiring and lighting layouts furnished Bridge Division, 6 bridges, FAI Rt.80. Preliminary road plans reviewed, conduit and junction box layouts, FAI Rts. 80, Sec. 4; 295,Sec.1D and 287, Sec.1B.

MAINTENANCE AND OPERATIONS

33 bridges in full time operation, 6 on 24 hr. notice basis. Routine mechanical and electrical maintenance, all movable bridges, 891 traffic signals, 5 lane control systems and 887 illuminated signs. Replacement of highway lighting, traffic signal, sign equipment damaged and knocked down by traffic. Group relamping signals, 6000 hr. lamps. Painting signals along Rt. 28, Union County. Repaired secondary lighting cable, Rt. 46 Palisades Park. Installed traffic signal control, Rt. US130 Mantua Creek Bridge, Paulsboro. Revamped electric service, Rt. US87 Absecon Channel Bridge.

CONSTRUCTION

18 traffic signals under construction, 6 completed. Revisions completed, 7 existing signals. Changing series to multiple lighting, Rt. US1&9, Elizabeth Viaduct. Changed sign system, series to multiple "M" tube, Rt. 35 & 440 Circle, Perth Amboy. Installed temporary circuit for navigation light, Rt. 72 Manahawkin Bay Bridge. Building and installing traffic light control and indication lights, Rt. 47 Grassy Sound Bridge.

DESIGN AND INSPECTION

8 signal approvals from Planning & Traffic. 3 new locations estimated. Route US1, Sections 1A to 7 (signals and lighting) submitted to Bureau of Public Roads for approval.

NEGOTIATIONS

10 traffic signals under negotiation, 6 completed. 14 field inspections, with contacts with local officials, 5 on lighting and 9 on traffic signals.

CLAIMS

Payments of claims in the amount of $8,272.26 received, 19 claims set up in the amount of $5,164.55, 12 result of property damage accidents. 22 work orders set up resulting in claims, totaling $10,091.00, 17 result of property damage accidents.

MISCELLANEOUS

Maintenance of mobile radio communicating system, 214 mobile units and 8 base stations. Completed service and wiring, 3 maintenance yards and John's Diner. Installing service and wiring, 2 maintenance yards.

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**MONTHLY DIVISIONAL REPORT** Month of **March** 19 **59**

Division: **Maintenance and Operations**

Bureau: **Maintenance**

BRIDGE SECTION

Completed concrete repairs at Prescott Brook and Stony Brook Bridges on Route 69, repairs to expansion bearings at Beach Thorofare Bridge on Route 30 at Atlantic City, and rebuilding of sluice gate at Woodbury Creek on Route 130. Started driving steel sheeting for prevention of scourage at Singac Brook Bridge on Route 46 and work is approximately 60% complete. Completed painting work at Newark and Fernwood Garages and field painting operations were started on March 16.

LANDSCAPE SECTION

Removed 107 large and 211 small trees and trimmed numerous others. Completed specifications for roadside chemical weed spray treatment by contract.

CONSTRUCTION SECTION

Completed miscellaneous construction projects totaling approximately $7,000.00. The moderate weather which prevailed at the close of the month permitted us to start work on our Spring construction program.

SNOW REMOVAL

Had one severe storm which necessitated calling out practically all of the contractors.

PERMITS SECTION

Total of 297 applications processed, including 137 for road openings, 38 for erection of poles, 90 for entrances, and 32 for miscellaneous projects.

SIGNS AND LINES SECTION

Erected new type Green Directionary signs on Route 35 at Eatontown Circle, and on Route 46 at Pine Brook Control, and all types of signs at the two new turnarounds on Route 73 at Palmyra. Erected delineators on barrier curbs on Route 1, Stouts Lane to Jersey Avenue, and Route 73, Palmyra Bridge to Route 130.

MAINTENANCE BUILDINGS AND STRUCTURES

Formalized layout for generator building for State Highway Office Building for presentation to Department of Treasury; completed plans and specifications for new roof for Avenel Garage; completed plans and specifications for two contracts for white line painting; investigated properties for possible use as maintenance yards; coordinated construction of Sand Hills Building and utilities through Bureau of Construction, and continued investigation of air replacement system for paint spraying operations in Sign Shop at Fernwood.

MONTHLY DIVISIONAL REPORT Month of March 1959

Division: Maintenance and Operations

Bureau: Maintenance

MISCELLANEOUS

Initiated discussions with New Jersey Turnpike Authority concerning jurisdiction for maintenance purposes at interchanges where formal agreements have never been consummated.

Six members of staff attended 2nd New Jersey Bituminous Paving Conference at Rutgers University. If such a conference is held in future would recommend expanded participation at field supervisory level rather than management level.

Completed Summer maintenance program which is devoted principally to shoulder surface treatment work because of extensive damage resulting from a severe Winter consisting of many cycles of freezing and thawing, some pavement surface treatments and five bituminous concrete overlay projects in city areas.

Completed negotiations for retaining the services of an inspection and testing agency to inspect the painting of a portion of the Pulaski Skyway.

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MONTHLY DIVISIONAL REPORT Month of March 19 59

Division: Maintenance & Operation
Bureau: of Plant & Equipment

## NEW EQUIPMENT

The following new equipment was received during the month: 2 F-600 Ford Stake Body Trucks with Hydraulic Tail Gates; 7 Allen Tachometers for Shops; 8 Weaver Electric Eye Headlight Testors for Shops; and 2 Weaver Wheel Dollies for Shops.

## SNOW PLOW SECTION

The following equipment was repaired: 31 heavy push frames; 58 spreader gates; 58 safety seats; 10 snow plows; 3 pumps; 5 rams; 12 trip springs; 8 4-U spreaders were repaired and painted; 8 temple gates were painted and striped; and 12 old trucks were stripped for trade-in.

## GENERAL REPAIR SHOP

A total of 48 cars and trucks, also other equipment, have been repaired and assembled, together with other major operations completed in the Car and Truck Shops. A total of 66 Tractors and 4 sets of Ranger reels were repaired and serviced in the Mower Shop. Tail lights, headlights and safety lights were repaired and installed on 55 pieces of equipment. A total of 110 jobs were completed in the Carburetor and Ignition Shop.

The Diesel Shop completed 57 service and major jobs in the shop and on the road. The Machine Shop completed 305 minor and major jobs during the month. The Heavy Equipment, Carpenter and Inspection Shops were constantly active with regular assignments in the shops and on the road.

## BUILDING MAINTENANCE SECTION

The following work has been accomplished during the month by this Section: Rebuilt Fire Hose Building No. 22. Repaired overhead doors at Vineland Garage and Buildings #1 and #8 at Fernwood Service Station. Removed more wooden blocks in center of floor in lower end of Building No. 1 and laid five (5) yards of ready-mix concrete.

The painters completed the inside wall and ceiling in Building No. 2.

Maintenance & Operations
of Plant & Equipment

## NEW EQUIPMENT

The following new equipment was received during the month: 2 F-600 Ford stake body Trucks with Hydraulic Tail Gates; 7 Allen Tractamotors for dump; 6 Denver Electric Type Headlight Beacons for Shops; and 2 Denver Model Lollipop for Shops.

## SHOP ITEM REPORTING

The following equipment was received: 32 heavy jack hammers; 52 pneumatic rivets; 52 safety masks; 30 arbor presses; 3 punches; 5 reams; 32 high speed drills; 8 L-U presses were repaired and painted; 8 Vertex valve vers painted and stripped; and 12 old trucks were stripped for trade-in.

## GENERAL MAINTENANCE WORK

A total of 40 cars and trucks, also other equipment, have been repaired and serviced in the Main Shop. Tail lights, headlights and safety lights were repaired and installed on 32 pieces of equipment. A total of 110 jobs were completed in the Construction and Ignition Shop.

The Diesel Shop completed 37 service and major jobs in the shop and on the road. The Machine Shop completed 305 minor and major jobs during the month. The Heavy Equipment, Carpenter and Inspection Crews were constantly active with regular assignments in the shops and on the road.

## BUILDING MAINTENANCE SECTION

The following work has been accomplished during the month by this Section: Forklift Fire Hose Building No. 22. Repaired overhead doors at Tinsland Garage and Buildings #1 and #8 at Fernwood Service Station. Removed brick veneer wooden blocks in center of floor in Lower end of Building No. 1 and laid five (5) yards of ready-mix concrete.

The painters completed the inside walls and ceiling in Building No. 2.

MONTHLY DIVISIONAL REPORT Month of March 1959

Division: Maintenance & Operation
Bureau: of Plant & Equipment

BUILDING MAINTENANCE SECTION - Cont'd.

Removed all storm windows from office in Building No. 1 and installed screens, also installed awnings and screens at office of Building No. 20. Built new tool crib in Stock Room at Netcong Garage. Painted office and boiler room at Flemington Garage. Removed exhaust fans from Paint Shop at Fernwood, cleaned and serviced and re-installed them. Started to paint window frames, inside and outside, at Netcong Garage. Connected six (6) new hoods with vacuum, air and gas in Laboratory Building.

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: PERSONNEL
Bureau:

## RECRUITMENT AND TRAINING

With only one more recruitment date scheduled, visits have been made to the campuses of 20 Eastern Seaboard colleges and universities. On these visits, interviews were conducted with 162 prospective graduate engineers. Sixty-two of those interviewed filed provisional application forms with the Department as an indication of initial interest and 34 have already visited us here at the Trenton Office. Formal offers of employment have been made to 10 of those who have visited us here in Trenton and acceptances received from six. Two of these six are already working and four more will be available after June graduations. Offers will be made to additional candidates during the next week or so.

## SAFETY, PLANT SECURITY AND DISPENSARY

Safety - During the past month a concentrated effort has been made towards developing safer working conditions on contractors' projects, especially as it pertains to the safeguarding of the roadway for the protection of the motoring public. This section is still in the process of developing a safety code which will be available for all contractors as bids are awarded.

We are also working with the specification writers towards the development of a more uniform advisory and cautionary sign chart.

The safety inspectors in the field are making good progress with our own personnel insofar as safe practices and safe driving are concerned.

At the present time the Safety Section is preparing a summary of truck drivers, equipment operators, and mechanics, as to age, length of service, and number of accidents charged to each.

Plant Security - We find that the personnel working within the Fernwood grounds respect the guards and are very cooperative in adhering to all regulations which have been established for the installation.

Dispensary - This section is preparing for T. B. tests and chest x-rays.

IN REPLY PLEASE REFER TO

Monthly Reports
Division of Planning,
Research, Soils and Tests

**State of New Jersey**

**STATE HIGHWAY DEPARTMENT**

DWIGHT R. G. PALMER, COMMISSIONER
TRENTON 25

April 1, 1959

Commissioner Dwight R. G. Palmer:

Herewith are submitted the reports of this Division for the month of March 1959.

Planning & Traffic
Harry A. Hartmann
Assistant Supervising Engineer

Engineering Research
William VanBreemen
Research Engineer

Soils
Keith Rosser, Jr.
Assistant District Engineer

Testing Laboratory
J. C. Reed
Supervising Engineer

Neil MacDougall

Neil MacDougall
Director and Chief Engineer
Division Planning, Research, Soils and Tests

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**MONTHLY DIVISIONAL REPORT** Month of March 1959

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

## HIGHWAY PLANNING SURVEY SECTION

During this month representatives of the Automotive Safety Foundation requested assistance by this Bureau in preparing data for their studies.

### Road Reinventory

The Road Reinventory study has been included as an item in our present work program, we must report no progress due to priorities of other assignments and the lack of available personnel.

### "500" Series County Road Numbers

The statewide and county descriptions, together with a state map showing these routes, were forwarded to County Engineer Wagner for review by the County Engineers Committee. This Bureau will meet April 3, 1959 with County Engineer Wagner and Cape May County Engineer Keppler for review of this matter.

### Road Life

Preliminary work on the preparation of the 1958 State Mileage Report is underway.

### Mapping

Regular assignments of mapping on the General Highway Series maps and the drafting and varityping of special reports and forms were underway.

### Local Road and Statistical Studies

Current reports on Statistical Studies were completed and submitted to the Bureau of Public Roads during the month.

### National Defense Bridge Study

Data is being compiled to revise the original tabulation of bridges on designated defense routes in New Jersey. The New Jersey Turnpike and the Garden State Parkway bridges are also part of this listing. This Bureau is in contact with the authorities staffs for the information needed on the Turnpike and Parkway bridges to complete this work.

### Newark Area Transportation Study

Work on the varityping and reproduction of the report for this study has progressed well during this period.

### Penn-Jersey Transportation Study

Mr. Ehrenfeld of this Bureau, attended the Executive Committee Meeting on March 10, 1959. At this meeting Mr. Fagin was unanimously approved as Executive Director of this Study, and it was decided to recommend Mr. Fagin to the Policy Committee for their approval. On March 13, 1959 Messrs.

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**MONTHLY DIVISIONAL REPORT** Month of March 1959

Division: Planning, Research, Soils and Tests
Bureau: Planning and Traffic

Berberich and Ehrenfeld attended the Policy Committee Meeting where Mr. Fagin was approved as Executive Director of the Study. At this meeting Mr. Jalobsen of Montgomery County, Pennsylvania, was appointed Chairman of the Civic Advisory Committee, with power to recommend persons for this committee and to outline procedures for operation. On March 16, 1959, Messrs. Berberich and Ehrenfeld attended the Technical Planning Committee meeting and specifications were approved for the conduct of the aerial survey and mapping for this study.

## HIGHWAY USE SURVEY SECTION

### Field

The regular programmed Machine and Manual traffic counts were completed this month.

### Office

The normal office functions of processing field traffic counts were completed this month.

## TRAFFIC DESIGN AND RESEARCH SECTION

During this month the office work time of the Section was about evenly divided between research into various aspects of traffic signal timing; and the review and estimation of traffic volumes for new construction. Some field research work on behavior at traffic signals was initiated during this period.

## HIGHWAY TRAFFIC OPERATIONS SECTION

During this period, the Highway Traffic Operations Section has received, investigated and processed requests for the installation, revamping, retiming and operation of traffic signals, has received and processed miscellaneous traffic investigations and has checked the timing and operation of signalized intersections.

## TRAFFIC SAFETY CONTROL AND REGULATIONS SECTION

The assignments under way by this Section consisted of operating radar speed meter for speed zone studies; laying out and processing no passing zone surveys; making traffic investigations and parking studies; preparing regulations and evaluating riparian grant applications.

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**MONTHLY DIVISIONAL REPORT** Month of March 1959

Division: Planning, Research, Soils and Tests

Bureau: Engineering Research

PAVEMENTS

In collaboration with Soils Bureau, made studies and recommendations for pavements on (a) Route I-287-4(3) Route 46 to Montville (b) Route 35 Widening, Red Bank to Eatontown, and (c) miscellaneous jug-handles and intersection revisions on Route 1 and Route 130. Also inspected existing concrete pavement on Route 73, from Route 130 to Route 38, and recommended appropriate treatment in damaged areas.

Made detailed condition survey of resurfaced concrete pavement on Route 69, Olden Avenue to Bull Run Road. (Resurfaced in 1957). In many areas, the existing pavement was in a seriously deteriorated condition. To date, however, these areas have had no apparent detrimental effect on the bituminous resurfacing.

Inspected experimental cold-applied joint sealers on Route 42 Freeway, of which there are various kinds. To date, their performance does not warrant the abandonment of our standard hot-poured rubber-asphalt sealer.

Took crack-width measurements in connection with the cracked bituminous pavement on the Palisades Interstate Parkway. A complete report is to be prepared, but it may be stated at this time that, on the average, the cracks were about .08 inches wider during cold weather this past winter than during last summer. This action explains the failure of the asphalt slurry treatment applied in November 1957, and also indicates that no relatively thin resurfacing will obscure the cracks, except very temporarily.

In collaboration with J. C. Reed, prepared and submitted recommendation to the effect that full-width vibration be specified in connection with concrete pavement construction. Also took continuing gauge-plug and faulting measurements in connection with various pavements.

Inspected sand-asphalt skidproofing material applied in October 1956 on Pulaski Skyway. Except for a very few minor defects, this material is still in very good condition.

BRIDGES

Spent considerable time on the installation of additional points, taking of measurements, and the analysis of measurements, in connection with the bridge over Cheesequake Creek, Route 35, Morgan. As in the case of the bridge over Beach Thorofare, Route 30, Atlantic City, rather serious damage has occurred at certain of the piers, owing, apparently, to excessive restraint at the sliding bearings, which involve a combination of bronze and steel plates. Reported verbally to L. C. Petersen on our measurements and analysis of the behavior of this bridge. Also took measurements on the following bridges: (a) Beach Thorofare, Route 30, Atlantic City, (b) Inland Waterway, Lovelandtown, (c) Shark River, Route 71, Belmar, (d) Liberty Ave., Route 22, Union, and (e) Edison, Route 35, Raritan River.

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Planning, Research, Soils and Tests

Bureau: Soils and Subdrainage

SUBSURFACE EXPLORATION

State Boring rigs are obtaining the needed subsurface information for the design of the bridge over Peckman's Creek on Route 23 at Cedar Grove.

The combination brick and concrete arch structure under the South bound lane failed after a broken water main apparently caused scouring under the northerly abutment.

The North bound lane is being kept open to traffic.

Borings for the design of structures and roadways were made on a total of ten different jobs throughout the State by our own forces, while work on two boring programs by private contractors is continuing on FAI Rt. 80-4 and FAI Rt. 287-4(3).

ENGINEERING

Studies were started to determine the most feasible method of construction of the U.S. Rt. 130 and Rt. 73 Interchange.

The job consists in general of a new bridge to carry U.S. Rt. 130 over Pensauken Creek, relocating the channel, constructing ramps to Rt. 73 over twenty-five feet deep tidal marsh, widening of Rt. 73 underpass, construction of an overpass to carry traffic from Sorrel Horse Road over U.S. Rt. 130, and raising the grade of U.S. Rt. 130 to provide greater sight distance.

This is somewhat complex in that unrestricted traffic flow must be maintained on Rt. 130. The underlying embankment is in part floating on tidal marsh. Route U.S. 130 is being widened on the adjacent tidal marsh deposit of greater thickness.

Pavement recommendations were made by this Bureau in conjunction with the Research Engineer for Rt. I-287-4(3) and Rt. 35 Widening, Red Bank to Eatontown.

CONSTRUCTION

Excavation in what will be to date the deepest roadway cut in New Jersey has been carried down twenty to thirty feet at Jugtown Mountain on Route 78 Section 2E. The maximum finished cut will be approximately one hundred and fifty feet.

It is the contractor's intention to eventually move twenty thousand yards of earth or eight thousand yards of rock per two shift day. At present he is moving approximately nine thousand yards of earth per one shift day.

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MONTHLY DIVISIONAL REPORT Month of March 1959.

Division: Planning, Research, Soils and Tests

Bureau: Testing and Materials

NEW MATERIALS

Three samples of Fine Aggregate, one sample of Washed Gravel, two samples of a Stone Crushing By-Product and two samples of Ledge Rock were received for quality tests. Wet-Dry and Freeze-Thaw tests are being conducted on one sample of Subbase Material. Three samples of Soil were received for Stabilizing and two samples of Undisturbed Soils for consolidation, tri-axial compression and unconfined compression test. Material for verification batches of concrete for Route 78 Sec. 2-E were received and tests started. Under Laboratory Investigation 58-16, samples of Rodofoam PVC were received for consideration as a Joint Filler and recovery tests started after extended compression; the 6-month period check was made on compressed specimens of Cork Expansion Joint Filler; tests were completed on samples of Bearing Plate Pads; and four Waterstops of various forms were received and placed under test. Under Laboratory Investigation 58-6, Marshall Stability test was made on a densely graded bituminous concrete for surface treatment as specified by the Connecticut State Highway Department.

MATERIALS' DEVELOPMENT

Marshall Tests performed on materials from Route 26 (1927) Sec. 3-C & 4-E, Route U.S. 1 (1953) F.A. D.F. 95 (34). Concrete verification batches made for the prestressed concrete beams for Route 78 Sec. 2-E. Under Laboratory Investigation 1958-13, three samples of Tuckahoe Washed Gravel given various tests as a basis for acceptance. Several extra batches of concrete were made for cement content determination by the Portland Cement Ass'n method.

PERFORMANCE TESTING AND INSPECTION

Under Laboratory Investigation 1958-2, second report submitted on exposure tests of Foliage Green Paint at the completion of the evaluation of the Weather-Ometer test. The Ninth Monthly Readings were made of Experimental Traffic Paint Test Lines at Atco and Kresson and the Tenth Monthly Readings made at Elm, N.J. Inspection made of Tornado Impact Crushing Equipment at Warren Paving Company, Stewartsville, N.J., and of Sand-Asphalt Pavements on Routes 1-9, 440, S-3 and 10 in conjunction with two representatives of the Virginia Department of Highways and Mr. Van Breemen of our Department. At the request of the Construction Division, 52 Bituminous Concrete Cores were cut for height measurement.

PERSONNEL

Three Assistant Engineer Trainees completed the usual training period and Laboratory personnel was increased by the addition of one Material Inspector.

MEETINGS AND CONFERENCES

Seven Laboratory employees were in attendance at the Second New Jersey Asphalt Paving Conference held at Rutgers - The State University. A representative attended conference with Major Casey, Commissioner of Public Works, Atlantic City Engineer George Swinton and others regarding methods to be followed in correcting pavement condition of Pacific Avenue in Atlantic City.

SAMPLES RECEIVED

During this month, 1505 samples were received compared to 1301 received in the corresponding month last year.

JCR/AM. 4-2-59.

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: RIGHT OF WAY ACQUISITION & TITLES

Bureau: Appraisals & Negotiations

The Division of Roads transmitted agreement forms covering 208 parcels, of which 30 were revisions.

GENERAL PROPERTY PARCEL MAPS

5 General Property Parcel Maps were approved as follows:

| | |
|---|---|
| Route FAI 80-4-(4) | From Glover Avenue to Passaic River. Negotiations approved. |
| Route 29, Sec. 12, | Route U. S. 202 (1953), Route 30 to South Branch of Raritan River. 1 sheet. |
| Route 29, Sec. 11A, | Route U. S. 202 (1953), South Branch of Raritan River to Centreville. 7 sheets. |
| Route 29, Sec. 12, | Route U. S. 202 (1953), Centreville to Frelinghuysen Avenue. 3 sheets. |
| | Total 11 sheets. Negotiations authorized. Set up $140,500.00. |
| Route 78 (1953), Sec. 2G | Federal project I-78-2-(17). Mulhockaway Creek to West of Clinton. Negotiations authorized. Set up $885,000.00. |

APPRAISALS, NEGOTIATIONS, CONDEMNATIONS, ETC.

A total of 80 items were presented to the Commissioner for action, including:

60 Agreements
19 Condemnations
1 Letter of resignation from Custodian and awarding a new contract for janitorial services.

APPRAISALS MADE FOR OTHER DEPARTMENTS

1 - Department of Purchase and Property. Property located in White Township, Warren County.

1 - Department of Conservation and Economic Development. Property of W. T. Sloan, Woodland Township, Burlington County.

1- Division of Fish and Game. Property of Stewart Campbell, Commercial Township, Cumberland County.

1 - Department of Institutions and Agencies. Property located at Mill Road and School Lane, City of Trenton, Mercer County.

1 - Department of Law and Public Safety. Estate of Alex Chorbo, East Orange, Essex County.

APPRAISAL ORDERS ISSUED

42 Orders were placed with outside fee appraisers for a total of $22,500.00.

H. N. Kramer

H. N. Kramer

MB:pb

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Right of Way Acquisitions & Titles
Bureau: Legal

I. STATISTICAL

Papers drawn in March

Condemnation

Complaints - 16
Orders to Show Cause - 16
Orders of Continuance - 11
Orders for Judgment and Appointing Commissioners - 15
Orders Extending Time for Filing Report - 21
Amendments to Complaint - 1
Notices of Application for Appointment of Guardian Ad Litem - 1
Orders Appointing Guardian Ad Litem - 1
Orders Granting Compensation to Commissioners - 1
Petitions to Pay Condemnation Award Into Court - 4
Orders on Appeal - 1
Orders of Dismissal - 1

Number of Deeds Approved - 60
Number of Titles Approved - 54

Court Appearances - 24

Appearances before Legislative Claims' Committee - 3

II. GENERAL ACTIVITIES

Conferences with Attorney General and various Deputy Attorneys General; preparation for court appearances and appearances in court; preparing legal briefs and memoranda; conferences in re same.

III. INTERDEPARTMENTAL SERVICES

Conferences with department heads with reference to various problems; opinion memoranda for Commissioner Palmer, department heads and employees; approving , disapproving and re-writing various legal papers and documents; recommendations for condemnation or settlement; trial preparation; brief writing and similar services.

Increased condemnation work. The impact of the Federal Road Program is being felt in this Division. All

III. INTERDEPARTMENTAL SERVICES (Cont'd.)

phases of condemnation work is increasing. The number of complaints filed in March were 16 as compared to 6 in January. Continuing increases are expected.

IV. MISCELLANEOUS

Attending bidding; seeing that all necessary papers are prepared; dictating all court matters; numerous other matters which arise during the course of the month.
Attending additional hearings before the Civil Service Commission in the Pfitzinger matter, also appearances before the Legislative Claims' Committee.
Successful appearance before the Appellate Division in the Gorga appeal, a condemnation case in Bergen County. Gorga rejected an offer of over $13,000; condemnation commissioners awarded $19,700; a jury rendered a verdict of $10,750. Gorga appealed and this decision was reversed on alleged errors and the Trial Judge's ruling on evidence and his charge. On re-trial, the jury brought in a verdict of $9,750. Gorga again appealed. This second verdict, which was $10,000 less than that of the Commissioners and $1,000 under prior jury, was sustained.

WJM/mmd

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Right of Way Acquisition & Titles

Bureau: Title

TITLE SEARCHING

132 searches and 86 continuation searches were completed throughout the State.

TITLE EXAMINING

63 title searches were examined and Reports of Title prepared.

LEGAL INSTRUMENTS

75 Legal instruments were prepared and forwarded to the owners or their attorneys for execution.

CERTIFICATE OF TITLE

54 Certificates of Title were prepared and submitted to the Department of Law for approval.

SETTLEMENTS

99 final settlements were made with property owners.

CONDEMNATIONS

33 Title Memorandums were prepared and forwarded to the Department of Law. 80 condemnation notices were served.

TITLE COMPANIES

14 deeds were delivered through the offices of title companies.

17 checks were delivered to title companies with instructions for settlement with the owners.

Edward H. Drake

Edward H. Drake
Title Officer

TRENTON, N. J.
APR 2 - 1959

19 50

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Roads, Location and Design

Bureau: Federal Aid Secondary

PLANS

Checking plans for the following projects:

South Pemberton Road, Burlington County, S208(2)
Quinton-Elmer Road, Salem County, S50(5)

PREPARING SPECIFICATIONS

South Pemberton Road, Burlington County, S208(2)
Quinton-Elmer Road, Salem County, S50(5)
Bridgeton-Port Norris Road, Cumberland County, S191(4)

PROJECTS ADVERTISED

S43(2) Hopewell-Woodsville Road, Hunterdon & Mercer Counties

PROGRAM

23rd Supplemental Federal Aid Secondary Program submitted to the Bureau of Public Roads.

MISCELLANEOUS

Reviewing plans for proposed construction as requested by the various Counties, checking AS Built Plans for Final Payments, preparing agreements between State and County for Federal Aid Secondary Projects and preparing Final Estimates, etc. on completed projects. Also preparing Final Vouchers on completed projects,making final inspections etc.. Received Final Payment from Federal Government on eleven F.A.S. Projects. Preparing 23rd Supplemental Federal Aid Secondary Program.

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**MONTHLY DIVISIONAL REPORT** Month of MARCH 1959

Division: Roads, Design & Construction

Bureau: Location & Design

FEDERAL AID

Programming of NJ-I-78-2(16)18 Clinton Pt. Interchange from easterly terminus of Clinton By-Pass to westerly terminus of Allerton Road - grade separation; NJ-I-80-2(18) Ramps at Mt. Hope Dover Road, pedestrian overpass over Ramp K in Denville Twp.; NJ-I-80-4(8) from Beckwith easterly to Passaic River; NJ-I-80-5(6)67 from Railroad Ave. in Ridgefield Park to Teaneck Rd., Teaneck; NJ-I-287-1(8) U.S. 22 to viaduct crossing; F-74(4) from Rt. 24 Freeway to Rt. 53 Littleton Road; F-109 (17) from Three Bridges to east of Holland Brook; F-205(1) from Rt. 33 near Hightstown north to Rt. 206, Princeton; Submission of P.S. & E.- F-9(2) Cape May Ship Canal; I-80-2(10) Rt. U.S. 46 to Rt. 15 Union Tpke.; U-95 (41) from Trenton Traffic Circle to Green St. Traffic Circle.

OFFICE ENGINEER

Processing Plans and Specifications for Rt. 21 Freeway, Sec. 1C from Highfield Lane to South Parkway; Route 80, Sec. 2E from Rt. U.S. 46 to Landing Road; Rt. 45, Sec. 1, Woodbury Creek Bridge and Approaches; Route 287, Secs. 1C & 2B from Weston Canal Road to and including River Road Interchange; Route 803, Sec. 1 and Route 295, Sec. 2D; Route U.S. 9, 35, 47 and 88 - drainage improvements; Route 15, Sec. 1 - Bridge over Burnt Meadow Brook and Approaches; Route 80, Sec. 2G - Ramp Mt. Hope Rd. and Pedestrian Overpass; Route 129, Sec. 1A and Route 29, Sec. 15A, Del. River Bridge to Scotch Road; Route 17, Sec. 1 - Belleville Turnpike to Rutherford Avenue.

INTERSTATE

Route 101-1 Preliminary survey proceeding, air photos completed Columbia to Netcong, line selection started; 101-2 Netcong to Mt. Arlington - divided into two contracts, each completed and in Trenton being processed; 101-3 Preliminary survey started, selection of a hearing line 50% complete, all preliminary air photos completed, Denville to Route 23; 101-4 Route 23 to Garden State Parkway - three contracts completed and in Trenton. One contract, Passaic River Bridge at Paterson, ready for advertising, 1958-1959; 101-5 Garden State Parkway to Geo. Washington Bridge - work proceeding on all proposed contracts, Right-of-Way plans in Saddle Brook and Lodi areas 80% complete. Conferences with Bergen Co. Park Commission held to work out details in this area. All details of interchange design at Geo. Washington Bridge completed, design proceeding; 102-5 Berkeley Heights to Newark - conferences concerning design detail of airport interchange continuing; 104-3 Parsippany to Montville - line detail approved by Bureau of Public Roads, proceeding with project divided as three contracts on design details and right-of-way maps.

INTERSTATE (Con't)

Route 105 East West Freeway - Public hearing held March 31st, general opinion at hearing was for a depressed roadway in all towns - Newark, East Orange, Orange and West Orange. Federal Bureau has approved alignment and profiles on Route 78 from Pluckemin to Berkeley Heights.

MISCELLANEOUS

Route 3 Secaucus - Preparation of preliminary plan for public hearing underway, about 60% complete; Route 10 Salem Street Overpass - design plans 50% complete; Route 21, Sec. 1C, Clifton, plans 100% complete, ready for advertising; Route 208 Wyckoff to Oakland - contract plans divided into two contracts, 60% complete; Public Hearing held March 10th on interchange at Milltown Road and Route U.S. 1; construction plans submitted to Trenton office for processing of following: (1) Program Item 23, Route 33 Hamilton Township-Drainage; (2) Program Item 26, Route 35-37 Dover Twp., Mantoloking, Lavallette, Seaside Heights - drainage; (3) Program Item 27, Route U.S. 9, Lakewood to Absecon - drainage; (4) Program Item 28, Route U.S. 40, Pleasantville (Decatur Avenue Outfall) - drainage; (5) Route 29, Raven Rock to Byram.

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# MONTHLY DIVISIONAL REPORT

Month of March 1959

Division: Design & Construction

Bureau: Road Construction

| ROUTE (1953) | SECTION (1927) | | LOCATION | PERCENTAGE COMPLETED MAR. 1st. | APR. 1st./59 |
|---|---|---|---|---|---|
| 1 & 9 | 1 | 2-C | Channelization of Traffic Circle at Route 3 | 82% | 84% |
| 20 | 3 | 3C &4F | Crooks Ave. to Broadway; Island Closing | 16% | 18% |
| | S3 | 3-D | Grove Street to Passaic Avenue | 71% | 80% |
| US46 | 6 | 7F &1P | Westminster Circle to Burton Avenue | 31% | 35% |
| | 10 | 3A,1A,2A | Whippany to Morehousetown; Widening & Turnarounds | 99% | 99% |
| | 10 | 4-C | Rt.53 to Salem St.,Paving, Widng.,Resurf.&Shldr.Recon. | 94% | 96% |
| | 17 | 7-C | Underpass at Midland Avenue | 81% | 81% |
| 18 | | 3 | Pine Street to 800' E. of Spring Valley Road | 17% | 26% |
| 18 | | 4 | Old Bridge Circle to Pine Street | 20% | 30% |
| | 21 | 1-B | Roosevelt Avenue to High Field Lane | 39% | 46% |
| | 23 | 15-A | Steemykill Lake to Clove Road | 3% | 3% |
| US-1 | 26 | 3 | Alexander Road to State Police Barracks | 5% | 9% |
| US-1 | 25 | 6-G | Construction of Turnarounds,Twps.Woodbridge & Edison | 37% | 37% |
| US-1 | | 1 | Lake Drive to N.J. Motor Vehicle Inspection Station | 0% | 3% |
| US-1 | 26 | 2 | Alexander Road to Motor Vehicle Station | 7% | 11% |
| US-1 | 26 | 3C &4E | State Police Barracks to Stouts Lane | 11% | 33% |
| US-1 | 26 | 4D &5C | Stout's Lane to Cozzens Lane | 31% | 34% |
| US1 | 26 | 5-D | Cozzens Lane to Penn. Railroad Bridge | 32% | 44% |
| US 1 & 9 | | 1 | Center Island Closing & Turnarounds | 2% | 18% |
| | 27 | 8-A | Albermarle Street to Plainfield Avenue | 71% | 71% |
| 18 | S-28 | 1D &2B | Old Bridge-New Brunswick Trnpk. to W. Amherst St.,Etc. | 50% | 51% |
| 22 | 29 | 4-N | Vicinity of Glenside Ave.,Scotch Plains Twp.(Drainage) | 92% | 92% |
| US-30 | | 1 | Taunton Rd. to Wellington Ave., Wid. & Repaving | 5% | 10% |
| US-30 | | 2 | Wellington Ave. to Bell Ave., Wid. & Repaving | 3% | 8% |
| | 35 | 4-B | Lewis St. to Broad St. Connection, Eatontown | 61% | 99% |
| | 37 | 16 | Mathis Bridge to Seaside Heights | 98% | 98% |
| | S-40 | 5-D | Hilliard to Ship Bottom; Grading & Paving | 29% | 35% |
| 73 | S-41 | 1-D | Palmyra Br. Plaza to U.S. Rt. 130; Widng. & Drainage | 73% | 81% |
| 322 | 42 | 6-C | Route 50 to McKee City, Dualization | 20% | 21% |
| (Frwy) | 42 | 14F&15C | No.-So. Freeway, Black Horse Pike to Turnerville | 78% | 80% |
| | 45 | 30 | Red Bank Avenue to Cooper Street, Woodbury | 76% | 76% |
| 77 | 46 | 8-A | From Station 22+0 to Route 49, Bridgeton | 6% | 9% |
| 80 | 101 | 2-A | Mt. Hope-Rockaway Rd. to Rt. 46; Grag., Pavg., Brdg. | 77% | 77% |
| 80 | 101 | 2-C | Howard Blvd. to Rt. 15; Grading, Paving, Bridges | 59% | 61% |
| | 101 | 2-D | Bridge over DL & W.R.R. | 47% | 52% |
| 78 | 102 | 2-B | Still Valley to Central R.R. of N. J. | 39% | 45% |
| 287 | 104 | 1A& 2A | W. & E. Viaduct Crossing of Raritan River | 42% | 53% |
| 295(Frwy) | 108 | 1-B | Hollywood Avenue to N. J. Turnpike | 29% | 35% |
| 295 " | 108 | 2-B | Sta. 118+0 to Sta. 220+0; Boros. Haddonheights Barrington & Lawnside, Camden County | 92% | 92% |
| 202 | 29 | 11-B | Flemington Circle to So. Branch Raritan River; Dual. | 79% | 84% |
| U.S. 202 | | 2 | Beechwood Drive to Huyler Road, Dualization | 15% | 21% |
| US-78 | | 2-E | Central R.R. of N. J. to Mulhockaway Creek | 3% | 8% |
| 78 | | 2-F | *Bridges over Central R.R. of N.J. and L.V.R.R. | | |
| US-202 | | 3 | Huyler Road to 700' E. of C.R.R. of N. J. | 7% | 20% |
| US-202 | | 4 | 700' E. of C.R.R. of N.J. to Somerville Traffic Circle | 6% | 16% |
| 206 | 31 | 10-A | Bridge over Beden's Brook | 96% | 99% |
| 129 | | | *Scudders Falls Br. over Delaware River (Contract #1) | | |
| 208 | | 1 | 1300' W. of Grandview Ave. to 1000' W. of Helena Ave. | 5% | 10% |
| 208 | | 2 | 1000' W. of Helena Avenue to Colonial Road | 2% | 12% |
| 208 | | 3 | Goffle Road to 1300' W. of Grandview Avenue | 2% | 12% |
| | | | N. J. State Teachers College, Montclair, Contract #2 | 4% | 7% |

* See Bridge Division Report

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**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: Design & Construction
Bureau: Road Construction

## CONTRACTS RECOMMENDED FOR ACCEPTANCE DURING MARCH

Route 4, Section 4-J, Route 17 to Grand Avenue - Grade Separation at Spring Valley Road, Widening and Barrier Curb

Route 42, Sections 14-B & 15-B North-South Freeway; Coles Road to Turnerville

Route 10?, Section 2-C Route 60, Freeway - Underpass at Penn-Reading Seashore Lines, Grenloch

## CONTRACT ACCEPTED DURING MARCH

Route 10?, Section 2-A Bellmawr, Mt. Ephraim; Grading, Bridges and Incidental Paving. Accepted March 2, 1959.

## CONTRACT AWARDED DURING MARCH

Route 18 (1953) Section 2 Clifton Avenue to New Jersey Turnpike, including Interchange at Route U.S. 1. Awarded to Geskill Construction Company, Inc. on March 18, 1959.

## GENERAL NOTES

Projects throughout the state resumed work to some degree during the month, but rainy weather the last week greatly upset planned operations.

The "D" projects are being pushed, public utility changes being a major problem in many cases.

Some anxiety has been expressed relative to summer traffic and its proper safe handling. Everything is being done to expedite the traffic flow in conjunction with difficult construction work areas, especially on Routes U. S. 1, U. S. 30 and U. S. 322. The critical channelization of the Traffic Circle at Route 3 and U. S. 1 & 9 is 85% complete, 32% ahead of schedule. Work on Routes 10 and 17 in the Norther Construction District is well advanced. It is hoped the very important Route 42, North-South Freeway section between Blackwood and Turnerville will be open for traffic early in the summer.

Allen C. Ely

Allen C. Ely
Supervising Construction Engineer

Form #AD-39

**MONTHLY DIVISIONAL REPORT** Month of March 19 59

Division: State Aid
Bureau:

COUNTIES

Construction and maintenance work practically stopped. Certificates of expenditure, work programs, construction and maintenance specifications principal items being worked.

Items requiring office processing: 30 received, 27 processed.

MUNICIPALITIES

With few exceptions, road construction still closed down for season. Preparing resumption of work in April. Most municipalities preparing plans and specifications for coming construction season.

Items requiring office processing: 407 received, 401 processed.

Still negotiating allocation of construction funds. Six counties still unresolved.

PERSONNEL

Personnel being recalled from out of division assignments and being assigned to construction work as contractors prepare to resume work.

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